

MACHYNLLETH URBAN DISTRICT COUNCIL

ANNUAL REPORT

OF

THE MEDICAL OFFICER OF HEALTH

AND OF THE

PUBLIC HEALTH INSPECTOR

For the Year 1966

MEDICAL OFFICER OF HEALTH

Amelia Evans B.Sc., M.B., B.Ch., D.P.H.  
County Health Offices,  
NEWTOWN

Tel: Newtown 6734

PUBLIC HEALTH INSPECTOR

B. Brooks Evans, Esq., M.R.S.H.  
County Offices,  
Plas,  
MACHYNLLETH

Tel: Machynlleth 2389

HEALTH COMMITTEE

Chairman. Cllr. O. B. James.

Vice Chairman. " B. O. Lloyd.

Members. " T. Vaughan.

" H. Morris.


" P. T. Ward.

" J. Ll. Pugh.

" H. H. Barker.

Col. R. E. B. Beaumont, C.B.E.

Chairman and Vice Chairman of the Council.



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To the Chairman and Members of the Machynlleth Urban District  
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Gentlemen,

Once again I have the pleasure to report to you on the health and sanitary circumstances of your district for the year 1966. The Report contains information which has been requested by the Welsh Board of Health Circular 1/67.

#### NATIONAL ASSISTANCE ACT 1947 Section 47

We have discussed taking action under this Section, in the Health Committee regarding two persons in the Town. In 1965 we had the problem of one of these persons and this has persisted in 1966. It is unpleasant to remove this lady and frequent visits are paid to her by the Public Health Inspector and by one of the Mental Welfare Officers in an attempt to keep up some standard at this house.

#### HOUSING.

The two 2-bedroom bungalows at Tregarth were completed - these are for the elderly.

At the end of the year the cottages in Graigfach were being demolished and the site cleared. It is proposed to erect eight dwelling units on this site.

During the year four bungalows were completed by private builders.

Five improvement grants were completed in the year - four discretionary grants and one standard grant.

#### REFUSE COLLECTION

The Council continues to hire the refuse lorry belonging to the Machynlleth R.D.C. and tipping has continued throughout the year at the old site. The Council have been tipping at this site for thirtythree years and the area allocated by the owner has been fully utilised. The Council has sought permission to extend the site but both the owner and the River Authority have objected. Any extension would probably get flooded.

At the end of the year other sites were being investigated. The tip is regularly baited for rats.

#### SEWERAGE

Investigations have been carried out by the Council on behalf of the Consultants into the infiltration of ground water into the sewers.

This investigation has been reported on by the Surveyor and the Consultants have been given this information.

The trouble with the drying beds was not so severe in 1966, mainly due to drier weather.

At the close of the year experiments were in progress by the addition of a coagulant, (aluminium chlorohydrate), to the sludge in order to facilitate cleaning of the drying beds.

A request has been made to the Council by the Machynlleth Rural District Council as to the possibility of being able to pump sewage from Penegoes, Forge and Felingerrig. The Consultants have been asked to investigate the possibility.

#### WATER SUPPLY

This is the responsibility of the Montgomeryshire Water Board.

Regular samples of water are taken both by the Board and by the Public Health Inspector. A report from the Board will be found later in this report.

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SLAUGHTERHOUSE

Mr. Evans is very diligent in inspecting all the meat that is slaughtered at Machynlleth. Since April 1966 he has undertaken to inspect all meat at Cemmaes on behalf of the Rural District Council whose Public Health Inspector has been indisposed.

VITAL STATISTICS.

There were twentythree live births which gives a rate of 12.71 per 1,000 population compared with 12.29 in 1965.

There was one still birth which is 4.3% of live births and compares with none in 1965.

There were no infant deaths under one year as in 1965.

There were sixteen deaths from all causes giving a rate of 8.84 per 1,000 population compared with 15.08 in 1965.

I would like to express my sincere gratitude to all my colleagues on the Council's Staff. Their friendly co-operation is one of the things that I very much appreciate.

I am, Gentlemen,

Your Obedient Servant,

AMELIA EVANS.

April, 1967

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DATE  
BY

RECEIVED

1968

1969

1970

1971

1972

1973

1974



# S T A T I S T I C A L   S U R V E Y

<u>District</u>	<u>Area in Acres</u>	<u>Population</u>		<u>Rateable Value</u>		<u>Product of 1d. Rate</u>	
		<u>1966</u>	<u>1965</u>	<u>1966</u>	<u>1965</u>	<u>1966</u>	<u>1965</u>
Llanidloes	617	2,360	2,370	£ 51,697	£ 51,061	£200	£200
Machynlleth U.D.	1,183	1,810	1,790	£ 52,945	£ 50,710	£200	£207
Newtown U.D.	7,224	5,500	5,490	£165,180	£153,691	£625	£605
Machynlleth R.D.	98,564	2,670	2,710	£ 32,659	£ 31,980	£118	£115
Newtown R.D.	151,231	8,480	8,530	£106,917	£100,459	£397	£371

## L I V E   B I R T H S

	<u>1966</u>						<u>1965</u>					
	<u>Legitimate</u>			<u>Illegitimate</u>			<u>Legitimate</u>			<u>Illegitimate</u>		
	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Llanidloes	14	15	29	1	1	2	11	18	29	2	0	2
Machynlleth UD	11	11	22	1	0	1	12	9	21	0	1	1
Newtown U.D.	45	38	83	2	2	4	40	42	82	4	4	8
Machynlleth RD	18	7	25	2	3	5	13	14	27	1	2	3
Newtown R.D.	45	55	100	4	4	8	52	58	110	1	5	6

	<u>Home Confinements</u>		<u>Still Births</u>		<u>Premature Births</u>	
	<u>1966</u>	<u>1965</u>	<u>1966</u>	<u>1965</u>	<u>1966</u>	<u>1965</u>
Llanidloes	2	3	1 (illeg.)	0	5	1
Machynlleth U.D.	0	0	1 twin.	0	0	2
Newtown U.D.	2	7	2 (1 illeg.)	1	4	1
Machynlleth R.D.	0	0	1	0	1	1
Newtown R.D.	6	11	0	0	5	3

## B I R T H   R A T E   P E R   1,000   P O P U L A T I O N

	<u>1966</u>	<u>1965</u>
Llanidloes	13.14	13.08
Machynlleth U.D.	12.71	12.29
Newtown U.D.	15.82	16.39
Machynlleth R.D.	11.26	11.07
Newtown/Llanidloes R.D.	12.74	13.60
Urban Areas in County.	15.40	15.13
Rural Areas in County.	13.22	14.82
Montgomeryshire.	14.19	14.95
England and Wales.	17.7	

## S T I L L   B I R T H   R A T E   P E R   1,000   T O T A L   L I V E   &   S T I L L   B I R T H S

	<u>1966</u>	<u>1965</u>
Llanidloes	32	0
Machynlleth U.D.	43	0
Newtown U.D.	23	11
Machynlleth R.D.	33	0
Newtown/Llanidloes R.D.	0	0
Urban Areas in County	25	15
Rural Areas in County	12	5
Montgomeryshire	18	9
England and Wales.	15.4	

## I N F A N T I L E   M O R T A L I T Y

This refers to the deaths of infants in the first year of life.





# INFANT MORTALITY RATE

(Number of infant deaths per 1,000 live births.)

	<u>1966</u>	<u>1965</u>
Llanidloes	32.3	32.3
Machynlleth U.D.	0	0
Newtown U.D.	11.5	33.3
Machynlleth R.D.	33.3	0
Newtown/Llanidloes R.D.	18.5	25.9
Urban Areas in County	14.1	21.6
Rural Areas in County	17.8	13.3
Montgomeryshire	16.1	16.8
England and Wales	19.0	

	<u>DEATHS</u>					
	<u>1966</u>			<u>1965</u>		
	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Llanidloes	18	26	44	33	25	58
Machynlleth U.D.	7	9	16	21	6	27
Newtown U.D.	30	39	69	46	32	78
Machynlleth R.D.	17	26	43	25	13	38
Newtown/Llanidloes R.D.	53	38	91	50	46	96

	<u>Death rate per 1,000 population</u>	
	<u>1966</u>	<u>1965</u>
Llanidloes	18.64	24.57
Machynlleth U.D.	8.84	15.08
Newtown U.D.	12.55	14.21
Machynlleth R.D.	16.10	14.02
Newtown R.D.	10.73	11.25
Urban Areas in County	13.99	14.09
Rural Areas in County	12.31	12.09
Montgomeryshire	13.02	12.93
England and Wales	11.7	

## Infant Deaths.

### Llanidloes.

There was one infant death - a girl aged 3 months and the cause of death was bronchopneumonia and fibrocystic disease.

### Newtown Urban District.

There was one infant death - a boy who lived for only one day - the cause of death being respiratory failure, hyaline membrane disease and extreme prematurity.

There were three deaths in young children:-

- (1) A girl of 15 months who died from pneumonia.
- (2) A girl of 17 months who died from acute gastro-enteritis.
- (3) A boy age 7 who was accidentally drowned.

### Machynlleth Urban District.

There were no infant deaths.

### Machynlleth Rural District.

There was one infant death - a girl of 12 hours - death being due to respiratory distress syndrome and hyaline membrane.

### Newtown & Llanidloes Rural District.

There were two infant deaths:-

A girl who died after 3 hours from prematurity.

A boy who died at 2 days from prematurity and hyaline membrane.

Two young children died:-

A girl of 17 months from intussusception.

A boy of 2 years from status epilepticus.

TABLE I		TABLE II		TABLE III	
1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48
49	50	51	52	53	54
55	56	57	58	59	60
61	62	63	64	65	66
67	68	69	70	71	72
73	74	75	76	77	78
79	80	81	82	83	84
85	86	87	88	89	90
91	92	93	94	95	96
97	98	99	100	101	102
103	104	105	106	107	108
109	110	111	112	113	114
115	116	117	118	119	120
121	122	123	124	125	126
127	128	129	130	131	132
133	134	135	136	137	138
139	140	141	142	143	144
145	146	147	148	149	150
151	152	153	154	155	156
157	158	159	160	161	162
163	164	165	166	167	168
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175	176	177	178	179	180
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313	314	315	316	317	318
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325	326	327	328	329	330
331	332	333	334	335	336
337	338	339	340	341	342
343	344	345	346	347	348
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355	356	357	358	359	360
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445	446	447	448	449	450
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457	458	459	460	461	462
463	464	465	466	467	468
469	470	471	472	473	474
475	476	477	478	479	480
481	482	483	484	485	486
487	488	489	490	491	492
493	494	495	496	497	498
499	500	501	502	503	504
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517	518	519	520	521	522
523	524	525	526	527	528
529	530	531	532	533	534
535	536	537	538	539	540
541	542	543	544	545	546
547	548	549	550	551	552
553	554	555	556	557	558
559	560	561	562	563	564
565	566	567	568	569	570
571	572	573	574	575	576
577	578	579	580	581	582
583	584	585	586	587	588
589	590	591	592	593	594
595	596	597	598	599	600
601	602	603	604	605	606
607	608	609	610	611	612
613	614	615	616	617	618
619	620	621	622	623	624
625	626	627	628	629	630
631	632	633	634	635	636
637	638	639	640	641	642
643	644	645	646	647	648
649	650	651	652	653	654
655	656	657	658	659	660
661	662	663	664	665	666
667	668	669	670	671	672
673	674	675	676	677	678
679	680	681	682	683	684
685	686	687	688	689	690
691	692	693	694	695	696
697	698	699	700	701	702
703	704	705	706	707	708
709	710	711	712	713	714
715	716	717	718	719	720
721	722	723	724	725	726
727	728	729	730	731	732
733	734	735	736	737	738
739	740	741	742	743	744
745	746	747	748	749	750
751	752	753	754	755	756
757	758	759	760	761	762
763	764	765	766	767	768
769	770	771	772	773	774
775	776	777	778	779	780
781	782	783	784	785	786
787	788	789	790	791	792
793	794	795	796	797	798
799	800	801	802	803	804
805	806	807	808	809	810
811	812	813	814	815	816
817	818	819	820	821	822
823	824	825	826	827	828
829	830	831	832	833	834
835	836	837	838	839	840
841	842	843	844	845	846
847	848	849	850	851	852
853	854	855	856	857	858
859	860	861	862	863	864
865	866	867	868	869	870
871	872	873	874	875	876
877	878	879	880	881	882
883	884	885	886	887	888
889	890	891	892	893	894
895	896	897	898	899	900
901	902	903	904	905	906
907	908	909	910	911	912
913	914	915	916	917	918
919	920	921	922	923	924
925	926	927	928	929	930
931	932	933	934	935	936
937	938	939	940	941	942
943	944	945	946	947	948
949	950	951	952	953	954
955	956	957	958	959	960
961	962	963	964	965	966
967	968	969	970	971	972
973	974	975	976	977	978
979	980	981	982	983	984
985	986	987	988	989	990
991	992	993	994	995	996
997	998	999	1000	1001	1002
1003	1004	1005	1006	1007	1008
1009	1010	1011	1012	1013	1014
1015	1016	1017	1018	1019	1020
1021	1022	1023	1024	1025	1026
1027	1028	1029	1030	1031	1032
1033	1034	1035	1036	1037	1038
1039	1040	1041	1042	1043	1044
1045	1046	1047	1048	1049	1050
1051	1052	1053	1054	1055	1056
1057	1058	1059	1060	1061	1062
1063	1064	1065	1066	1067	1068
1069	1070	1071	1072	1073	1074
1075	1076	1077	1078	1079	1080
1081	1082	1083	1084	1085	1086
1087	1088	1089	1090	1091	1092
1093	1094	1095	1096	1097	1098
1099	1100	1101	1102	1103	1104
1105	1106	1107	1108	1109	1110
1111	1112	1113	1114	1115	1116
1117	1118	1119	1120	1121	1122
1123	1124	1125	1126	1127	1128
1129	1130	1131	1132	1133	1134
1135	1136	1137	1138	1139	1140
1141	1142	1143	1144	1145	1146
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1153	1154	1155	1156	1157	1158
1159	1160	1161	1162	1163	1164
1165	1166	1167	1168	1169	1170
1171	1172	1173	1174	1175	1176
1177	1178	1179	1180	1181	1182
1183	1184	1185	1186	1187	1188
1189	1190	1191	1192	1193	1194
1195	1196	1197	1198	1199	1200
1201	1202	1203	1204	1205	1206
1207	1208	1209	1210	1211	1212
1213	1214	1215	1216	1217	1218
1219	1220	1221	1222	1223	1224
1225	1226	1227	1228	1229	1230
1231	1232	1233	1234	1235	1236
1237	1238	1239	1240	1241	1242
1243	1244	1245	1246	1247	1248
1249	1250	1251	1252	1253	1254
1255	1256	1257	1258	1259	1260
1261	1262	1263	1264	1265	1266
1267	1268	1269	1270	1271	1272
1273	1274	1275	1276	1277	1278
1279	1280	1281	1282	1283	1284
1285	1286	1287	1288	1289	1290
1291	1292	1293	1294	1295	1296
1297	1298	1299	1300	1301	1302
1303	1304	1305	1306	1307	1308
1309	1310	1311	1312	1313	1314
1315	1316	1317	1318	1319	1320
1321	1322	1323	1324	1325	1326
1327	1328	1329	1330	1331	1332
1333	1334	1335	1336	1337	1338
1339	1340	1341	1342	1343	1344
1345	1346	1347	1348	1349	1350
1351	1352	1353	1354	1355	1356
1357	1358	1359	1360	1361	1362
1363	1364	1365	1366	1367	1368
1369	1370	1371	1372	1373	1374
1375	1376	1377	1378	1379	1380</

P O P U L A T I O N   T R E N D   S I N C E   1 9 5 1

Year	LLANIDLOES M.B.			MACHYNLLETH U.D.			NEWTOWN U.D.			MACHYNLLETH R.D.			NEWTOWN & LLANIDLOES R.D.		
	Pop.	Births	Deaths	Pop.	Births	Deaths	Pop.	Births	Deaths	Pop.	Births	Deaths	Pop.	Births	Deaths
1951	2346	30	26	1875	40	27	5386	90	89	3240	47	65	9343	146	109
1952	2289	31	39	1845	33	26	5376	94	84	3103	42	34	9397	149	100
1953	2323	26	34	1871	24	19	5334	102	60	3100	44	49	9257	127	123
1954	2330	29	45	1860	20	29	5360	83	53	3100	22	43	9240	145	116
1955	2320	27	46	1840	28	25	5360	79	56	3080	38	40	9220	121	121
1956	2330	29	36	1830	25	25	5380	89	68	3040	35	39	9100	140	96
1957	2330	34	28	1830	20	25	5370	82	57	3040	35	51	9100	146	94
1958	2340	31	36	1810	31	25	5360	88	58	3010	36	47	9080	147	114
1959	2330	27	40	1840	23	29	5370	85	76	2980	49	40	9080	134	103
1960	2320	30	28	1800	25	27	5390	85	48	2890	30	44	9010	150	95
1961	2350	28	29	1840	29	39	5450	80	60	2800	25	36	8650	122	93
1962	2360	24	39	1840	34	29	5430	73	84	2840	38	36	8510	139	107
1963	2350	29	48	1840	21	30	5460	92	64	2780	40	44	8490	148	104
1964	2350	38	37	1810	28	26	5490	77	71	2740	29	36	8500	129	89
1965	2370	31	58	1790	22	27	5490	90	78	2710	30	38	8530	116	96
1966	2360	32	44	1810	24	16	5500	89	69	2670	31	43	8480	108	91





CAUSE OF DEATH	LLANIDLOES						MACHYNLLETH U.D.						NEWTON U.D.						MACHYNLLETH R.D.						NEWTOWN/LLANIDLOES R.D.					
	1965			1966			1965			1966			1965			1966			1965			1966			1965			1966		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Respiratory Tuberculosis	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
Other Forms of Tuberculosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syphilitic Disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diphtheria	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Whooping Cough	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meningococcal Infections	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acute Poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Infective and Parasitic Diseases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm-stomach	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Malignant neoplasm-lung and bronchus	2	0	2	0	0	0	1	0	1	2	0	2	1	0	1	3	2	5	1	0	1	0	0	0	1	2	0	2	0	1
Malignant neoplasm-uterus	-	1	1	-	0	0	-	0	0	-	0	0	-	2	2	-	0	0	-	0	0	-	0	0	-	1	1	-	0	0
Malignant neoplasm-breast	-	0	0	0	0	0	-	0	0	0	1	1	-	1	1	0	1	1	-	0	0	-	0	0	-	0	0	-	0	2
Malignant neoplasm & Lymphatic Neoplasms	2	3	5	2	1	3	4	0	4	0	0	1	3	3	6	3	3	6	3	1	4	1	2	3	2	4	0	8	3	11
Other Malignant & Lymphatic Neoplasms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
Leukaemia	1	0	1	2	5	7	4	0	4	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diabetes	4	5	9	4	5	9	5	0	5	0	2	2	9	7	16	6	6	12	5	2	7	2	13	7	10	0	1	8	4	3
Vascular Lesion of Nervous System	10	3	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coronary Disease - Angina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hypertension with heart disease	1	3	4	4	3	7	2	5	7	1	3	4	0	0	0	1	2	8	14	3	8	3	6	11	0	0	0	0	0	0
Other Heart Disease	2	2	4	2	5	7	0	0	0	0	0	0	11	3	14	2	6	8	3	4	5	6	11	3	4	0	4	4	6	10
Other Circulatory Disease	0	0	0	0	0	0	0	0	0	1	1	2	2	1	3	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Influenza	3	0	3	1	0	1	1	0	1	0	0	0	2	3	5	1	1	2	2	0	2	0	1	1	6	2	0	2	1	3
Pneumonia	3	1	4	0	1	1	1	0	1	0	0	0	5	0	5	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Bronchitis	1	0	1	0	0	0	0	0	0	0	0	0	1	1	2	0	1	1	1	0	0	0	0	0	1	0	1	0	1	0
Other Diseases of Respiratory System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ulcer of Stomach and Duodenum	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0
Gastritis, Enteritis, Diarrhoea	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nephritis, Nephrosis	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Hyperplasia of Prostate	0	-	0	1	-	1	0	-	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pregnancy, Childbirth, Abortion	-	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Congenital Malformations	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Defined & Ill-defined Diseases	2	5	7	1	4	5	1	1	2	0	0	0	2	1	3	3	4	7	1	1	2	1	2	3	4	2	1	4	3	7
Motor Vehicle Accidents	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	2	1
All other Accidents	1	0	1	0	0	0	0	0	0	0	0	0	0	2	2	1	1	2	0	1	0	0	0	0	0	0	2	2	1	0
Suicide	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Total:	33	25	58	18	26	44	1	6	27	7	9	16	46	3	78	30	39	69	25	13	38	17	26	43	50	46	96	53	38	91





# AGE AT DEATH

AGE	LLANIDLOWS I.B.						MACHYNLLATH U.D.						NANTON U.D.						MACHYNLLATH R.D.						LLANIDLOWS R.D.					
	1965			1966			1965			1966			1965			1966			1965			1966			1965			1966		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T			
Under 4 weeks	0	1	1	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	1	1	0	0	0	1	1	2		
4 weeks and under 1 year	0	0	0	0	1	1	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	0	1	2	3	0	0	0		
1 - 4 years	0	0	0	0	0	0	0	0	0	0	2	0	2	0	1	1	0	0	0	0	0	0	0	0	0	1	2	3		
5 - 14 years	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0		
15 - 24 years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	2		
25 - 34 years	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	6	0	0		
35 - 44 years	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	0	2	0	0	0	0	0	1	0	1	3	0	3	
45 - 54 years	2	1	3	0	3	3	4	2	6	1	0	1	2	1	3	1	0	1	0	0	1	1	1	2	1	0	1	3		
55 - 64 years	7	2	9	4	3	7	7	0	7	3	1	4	8	4	12	7	3	10	4	3	7	5	2	7	11	4	15	8	4	12
65 - 74 years	3	5	8	3	4	7	6	2	8	0	3	3	16	7	23	9	8	17	8	4	12	5	7	12	6	7	13	9	12	21
75 years and over	21	15	36	11	15	26	4	2	6	3	5	8	17	16	33	11	26	37	13	4	17	6	14	20	28	32	60	28	17	45
TOTAL	33	25	58	18	26	44	21	6	27	7	9	16	46	32	78	30	39	69	25	13	38	17	26	43	50	46	96	53	38	91



## INFECTIOUS DISEASES.

The following diseases are notifiable :-

Scarlet fever, Whooping cough, Measles, Acute poliomyelitis, Diphtheria, Smallpox, Meningococcal infections, Acute encephalitis, Dysentery, Ophthalmia neonatorum, Puerperal pyrexia, pneumonia, paratyphoid, food poisoning, erysipelas.

### LLANIDLOES.

No infectious disease was notified.

### MACHYNLLETH URBAN DISTRICT.

No infectious disease was notified.

### NEWTOWN & LLANLLWCHAIARN URBAN DISTRICT.

No infectious disease was notified.

### MACHYNLLETH RURAL DISTRICT.

One case of measles in a boy of twelve years.

### NEWTOWN & LLANIDLOES RURAL DISTRICT.

Two cases of Measles were notified :-

A boy age 3 years.

A girl age one year.

## TUBERCULOSIS.

### LLANIDLOES.

Two cases of tuberculosis were notified :-

A man age 60 years with genito-urinary involvement

A woman age 50 years with pulmonary involvement.

Four names were removed from the Register.

(1) due to recovery - a man aged 32 yrs in 1960 when notified with pulmonary tuberculosis.

(2) due to recovery - a man of 67 in 1950 when notified with pulmonary tuberculosis.

(3) due to death - a man of 75 in 1958 when notified with pulmonary tuberculosis.

(4) due to death - a man of 76 in 1963 when notified with genito-urinary involvement.

There were thirteen names on the register at the end of the year.

### MACHYNLLETH URBAN DISTRICT

Two names were put on the Register having come to live in the town:-

(1) A female of 57 with pulmonary tuberculosis.

(2) A female of 75 with pulmonary tuberculosis.

Four names were removed from the Register :-

(1) Due to recovery - a female age 47 in 1961 when notified with abdominal tuberculosis.

(2) Due to recovery - a female age 28 in 1961 when notified with pulmonary tuberculosis.

(3) Due to recovery - A boy age 12 in 1962 when notified with pulmonary tuberculosis.

(4) Due to death - A male age 61 who moved here in 1965 with pulmonary tuberculosis.

There were fourteen names on the Register at the end of the year.





#### NEWTOWN URBAN DISTRICT.

Three names were put on the Register.

- (1) A man age 40 notified with pulmonary tuberculosis.
- (2) A man age 32 with pulmonary tuberculosis who has come to live in the district.
- (3) A boy age 9 with cervical gland involvement who has come to live in the district.

Three names were removed from the Register:

- (1) Due to recovery - a man age 39 in 1959 when notified with pulmonary tuberculosis.
- (2) Due to recovery - a man age 45 who moved into this area in 1964 and who had suffered from pulmonary tuberculosis.

There were sixteen names on the Register at the end of the year.

#### MACHYNLLETH RURAL DISTRICT.

One name was put on the Register - a woman age 73 who was suffering from pulmonary tuberculosis.

Three names were removed from the register.

- (1) Due to recovery - a woman who was 33 in 1953 when notified with pulmonary tuberculosis.
- (2) Due to recovery - a woman who was 64 in 1960 when notified with pulmonary tuberculosis.
- (3) Due to death, the woman of 73 who was notified earlier in the year.

There were seventeen names on the Register at the end of the year.

#### NEWTOWN & LLANIDLOES RURAL DISTRICT

It was rather disturbing to have six new cases of tuberculosis notified during the year.

A woman of 36 and five men, ages 39, 44, 47, 65 and 71 year all with pulmonary tuberculosis.

Six names were removed from the Register.

- (1) Due to recovery - a woman aged 34 in 1948 when notified with pulmonary tuberculosis.
- (2) Due to recovery - a woman age 23 in 1958 when notified with pulmonary tuberculosis.
- (3) Left the district, a man of 76 in 1963 when notified with genito-urinary involvement.
- (4) Changed diagnosis and subsequent death a woman of 57 who moved into this area in 1965.
- (5) Left the district a man of 77 notified in 1963 with pulmonary tuberculosis.
- (6) Due to death the man of 71 notified earlier in 1966.

There were twentynine names on the Register at the end of the year.

#### VACCINATION AGAINST TUBERCULOSIS.

This procedure is offered to children of thirteen years and over during the year I vaccinated children who gave a negative Mantoux reaction at the appropriate schools in the area.

Children who are Mantoux positive are referred to the Chest Physician for further investigation.

Babies are vaccinated by the Chest Physician where there is a family history of tuberculosis.

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- (3) Diagnosis was changed in a man of 40 who was notified in mid 1966 as suffering from pulmonary tuberculosis.



### MASS RADIOGRAPHY

The Unit visited Newtown regularly at about three weekly intervals throughout the year.

<u>1st Quarter</u>	119 examined. 118 General population volunteers. 1 Referred by General Practitioner.
<u>2nd Quarter.</u>	105 Examined. 102 General population volunteers. 3 Referred by General Practitioner.
<u>3rd Quarter</u>	47 Examined. 47 General population volunteers.
<u>4th Quarter</u>	80 Examined. 80 General population volunteers.

### SPECIAL SURVEY AT LLYS MALDWYN HOSPITAL

Mental patients.	97
Nursing Staff.	26
Other Staff.	15
General Population	5.



GENERAL PROVISION OF HEALTH SERVICES THROUGHOUT THE DISTRICT.

Ambulance.

The local service consists of the St. John Ambulance and is responsible to the Ambulance Committee of the County Council Health Committee.

Telephone, after 5.30p.m.      Newtown 6866 or 273  
   Caersws 236 or 201  
   Llanidloes 381 or 213  
   Machynlleth 2158 or 2179

Between 9a.m. and 5.30p.m. calls should be made to Newtown 6734.

Sitting Car Service. All enquiries should be made to:  
County Health Office. Newtown Tel. Newtown 6734.

Children's Officer.

This Office is established by the County Council under the terms of the Children's Act, 1948.

The children's officer is :-

Mr. W. E. Jones,  
County Offices,  
Welshpool.

Tel: Welshpool 3311.

Domiciliary Midwifery and Home Nursing.

The district is served by the following nurses who combine district nursing and midwifery.

Miss C. Lloyd Jones,  
Bryneglwys, Newtown.  
Tel. Newtown 497.

Newtown, Mochdre, Dolfor,  
Kerry, Sarn, Abermule.

Miss E. M. Savage,  
Glanhafren,  
Pool Road,  
Newtown.  
Tel. Newtown 510.

Tregynon, Bettws, New Mills,  
Manafon, Adfa, Dwlchyffridd.

Mrs. R. E. Jones,  
Dudley House, Llanidloes.  
Tel. Llanidloes 244.

Llanidloes, Llangurig,  
Cwmbelan, Old Hall.

Mrs. J. A. Griffiths,  
Tyncoed, Llandinam.  
Tel. Caersws 344

Llandinam, Oakley Park,  
Llidiartywaen.

Mrs. C. Hamer,  
19, Garden Suburb,  
Llanidloes.  
Tel. Llanidloes 423.

Caersws, Llanwynog, Aberhafesp  
part of Mochdre, Trefeglwys.

Mrs. A. S. Peate,  
Y Glyn, Carno.  
Tel. Carno 215.

Carno, Clatter, Pontdolgoch,  
Llanbrynmair, Bont, Staylittle,  
Talerddig.

Mrs. S. Jones,  
Clegyrnant, Llanbrynmair.  
Tel. Llanbrynmair 280

Machynlleth, Derwenlas,  
Cemmaes, Cemmaes Rd. Cwmlline,  
Aberhosan, Abercegir, Commins  
Coch, part of Aberangell.

Mrs. P. Edwards,  
Llawrcoed Ucaf,  
Llanbrynmair,  
Tel. Llanbrynmair 325.

Relief Nurse for Machynlleth  
and Llanbrynmair Districts.





### Health Visitors.

Miss Baker	covers Machynlleth Urban and Rural Districts and also Carno.
- Miss Lewis.	covers the area of Llanidloes, Llangurig, Llandinam, Staylittie, Llawryglyn and Trefeglwys.
Miss N.L.Jones.	is responsible for Newtown, Dolfor and Mochdre.
Mrs.E.F.Humphreys.	covers Sarn, Kerry, Abermule, Tregynon, Caersws, Clatter and Aberhafesp.
Mrs.Ryder.	Covers Cefn Coch, New Mills in addition to a large part of Forden and Llanfyllin Rural Districts.

### Home Help Service.

This service continues to provide domestic help in many and varied circumstances in the care of elderly in their homes and in cases of sickness and home confinements.

For further information apply to :-

The Home Help Organiser,  
Mrs.Rhoda G odwin,  
County Health Office,  
Newtown, Tel.Newtown 6734.

### Hospitals.

The following hospitals are situated in the district :-

County Infirmary, Newtown.  
Llanidloes and District Hospital.  
Machynlleth, Corris and District Hospital.

These all take surgical, medical and maternity cases and are controlled by the Mid-Wales Hospital Board, Aberystwyth.

### Laboratory Service.

Constant use is made of both the Public Health Laboratories at Shrewsbury and Aberystwyth.

### Maternity and Child Welfare.

The County Council is responsible for this service and infant welfare clinics are held regularly throughout the district :-

Newtown Park St.Clinic, every Wednesday afternoon.  
Llanidloes Clinic 2nd & last Wednesday afternoon.  
Caersws, School Room Presbyterian Chapel, last Friday afternoon.  
Machynlleth, Doll Street Clinic, second and fourth Tuesday afternoon.  
Llanbrynmair, Village Hall, second Thursday afternoon.

### Tuberculosis.

This service is controlled by the regional hospital board and the chest physician, Dr.G.O.Thomas holds clinics in this area :-

Newtown County Infirmary, second and fourth Tuesdays, 11a.m.  
Llanidloes Hospital, Saturday before last Tuesday, 10.30a.m.  
Machynlleth Chest Hospital every Wednesday 10a.m.

### Vaccination against Small Pox.

The procedure is encouraged at the age of 12 months and is mostly carried out by general practitioners.

I vaccinate at Machynlleth Clinic and also at Llanbrynmair Clinic.



Protection against Diphtheria, Whooping Cough, Tetanus and Poliomyelitis.

The following schedule is the one most commonly adopted :-

3	months -	Diphtheria, Whooping Cough and Tetanus.		
4	"	"	"	"
5	"	"	"	"
6	"	-	1st oral polio.	
7	"	-	2nd oral polio.	
8	"	-	3rd oral polio.	

Small pox after 1st birthday.

School entry    Booster diphtheria and tetanus  
                    4th polio.

8 - 12 years    Booster diphtheria and tetanus  
                    Small pox re-vaccination.

13 years        B.C.G. Baccination.





MONTGOMERYSHIRE WATER BOARD

Water Supplies.

- a. The water supply of the area has been in general satisfactory both in quality and in quantity.
  - b. i. Bacteriological examination of all the sources in the area is carried out regularly, examination being made primarily of treated water but with occasional raw water samples being taken.

The results of bacteriological examinations of supplies in the area are given in Appendix 'A'.
  - ii. One sample for chemical analysis is normally taken from each source annually. During 1966, 17 No. analyses were carried out and the results indicate that all sources are satisfactory for public water supply.

These results are attached.
  - iii. Fluoride content of the various supplies is less than 0.001 p.p.m.
  - c. The only water having certain plumbo-solvent action is from the borehole source at Llangurig. Precautionary measures are under investigation at present.
  - d. The normal measures taken following the report of unsatisfactory samples are to increase the dosage of sodium hypochlorite and to carry out a systematic flushing of mains, with a further sample being taken.

The mains from the source at Llanbrynmair, where the bulk of unsatisfactory samples have been obtained, have been flushed over their whole length and at present samples from this source and all the Board's sources in the area are highly satisfactory.
4. The number of dwelling houses supplied direct from the mains and by stand-pipe are given in the attached Appendix 'B'. It is unfortunately not possible to give an accurate figure for the population supplied.



MONTGOMERYSHIRE WATER BOARDSAMPLES, 1966

Source	Chemical	Bacteriological				Total
		Satisfactory		Unsatisfactory		
		Raw	Treated	Raw	Treated	
Adfa	1	-	2	-	3	5
Manafon	-	-	4	-	-	4
Tregynon	-	-	3	-	3	6
Kerry	3	-	5	-	-	5
Sarn	1	-	5	-	-	5
Carno	1	-	5	-	-	5
Llanwnnog	-	-	3	-	-	3
Caersws	1	-	10	-	-	10
Draintewion	1	-	4	-	1	5
Cwmffrwd	1	-	5	-	-	5
Dolfor	1	-	3	-	-	3
Newtown	1	-	12	-	2	14
Llanidloes	2	-	12	-	-	12
Cwmbelan	1	-	4	1	-	5
Llangurig	1	-	3	-	1	4
Cwmllinau	-	-	3	-	-	3
Cemmaes	-	1	2	2	2	7
Llanbrynmair	2	-	16	7	9	32
Ceinws	-	-	-	-	1	1
Machynlleth	1	2	15	2	-	19
Abercegir	-	2	5	-	-	7
Aberangell	-	-	1	-	-	1
	18	5	122	12	22	161



CHEMICAL AND PHYSICAL EXAMINATION OF WATER

	Llanbrynmair	Machynlleth	Llangurig Borehole	Cembellan	Carno Borehole	Newtown	Caersws	Cwmfwrdd	Drainntewion	Adfa	Llanidloes	Llanidloes	Kerry Borehole	Kerry (Treated)	Kerry (Untreated)	Sarn Borehole	Stepaside Borehole
	17.5.66	17.5.66		11.10.66	11.5.66	27.4.66	27.4.66	8.6.66	8.6.66	8.6.66	11.5.66	13.7.66	3.8.66	18.10.66	18.10.66	3.8.66	11.10.66
Colour (Hazen)	0	0	0	0	0	0	0	0	0	0	0	20	0	0	0	0	0
Turbidity	0	0	0	4	0	0	0	0	6	20	10	0	0	0	4	0	0
Conductivity @ 20°C (micromhos/cm)	140	80	130	190	290	170	200	190	210	410	100	100	410	390	375	350	250
Total Solids @ 180°C (mg/l)	105	75	50	90	150	115	115	120	115	400	20	30	280	240	235	235	145
pH	8.42	7.77	6.10	6.72	7.05	7.30	10.00	7.42	9.41	6.93	6.80	7.60	8.68	7.20	7.08	8.10	7.32
CHEMICAL																	
Chloride (Cl)	16	16	14	12	20	14	16	16	18	15	8	12	32	21	18	32	22
Ammonia, Free & Saline (N)	0	0	0.040	0.025	0	0	0	0	0	0.050	0	0	0.050	0	0	0.070	0.015
Ammonia, Albuminoid (N)	0.200	0	0.045	0.015	0.025	0.030	0.040	0	0	0.075	0	0.090	0.050	0	0	0.040	0.020
Nitrate (N)	TRACE	0.4	0.9	0.70	1.20	1.5	0	0	0.5	0.80	1.0	0.70	2.4	0.90	0.20	3.9	1.90
Nitrite (N)	0	0.006	0	0	0	0	0	0	0.018	0.016	0	0	0	0.008	0	0	0
Oxygen dissolved	10.24	8.88	8.16	7.76	8.00	9.56	9.56	9.28	8.44	7.52	8.24	8.88	8.08	6.56	6.16	8.76	8.64
Oxygen absorbed	0.80	0.08	0.24	0.12	0.24	0.36	0.12	0.56	1.20	0.16	0.80	1.68	0	0.48	0.64	0	0.52
Alkalinity (CaCO <sub>3</sub> )	16	4	24	72	106	30	34	54	54	158	8	20	182	150	126	155	78
Total Hardness (CaCO <sub>3</sub> )	30	20	36	74	72	56	56	68	60	186	24	28	144	176	154	176	96
Calcium (CaCO <sub>3</sub> )	14	6	22	58	44	40	30	46	38	120	14	24	88	132	128	150	82
Non Carbonate Hardness	14	16	12	2	2.8	26	22	14	6	28	16	8	0	26	28	21	18
Free Carbon Dioxide	0.8	0.6	12.4	0	0	2.4	0	1.2	0	2.4	1.2	2.4	0	5.6	6.8	0.4	1.0
Iron (Fe)	0.020	0	0	0	0	0	0	0	0	0	0	0	0	0.08	0.020	0	0
Aluminium (Al)	0.10	0	0	0	0	0.10	0	0.16	0.24	0	0.40	0.6	0.04	0	0	0	0
Lead (Pb)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Manganese (Mn)	0	0	0.15	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0
Free Chlorine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PHYSICAL.



